Index of Claims

| App | lica | tion | /Con | itrol | No. |
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Applicant(s)/Patent under Reexamination

10/611,330 Examiner OSAKABE, KATSUICHI Art Unit

Paul Huber

2653

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| 1         51         101           2         52         102           3         53         103           4         54         104           5         55         105           6         56         106           7         57         107           8         68         108           9         59         109           10         60         110           11         61         111           12         62         1112           13         63         113           14         64         114           15         65         115           16         66         116           17         67         117           16         66         116           17         67         117           16         66         116           17         67         117           17         67         117           18         1         68           19         1         120           20         1         120           21         1  |   |           |          |           |    | Π  |  | Т  |   | 1              | Π  |          |                        |      |          |         |          |                 | ,   _    | Т         |            |          | =    |          |          |          |          |          |          |          | $\Box$        | П        |
| 1         51         101           2         52         102           3         53         103           4         54         104           5         55         105           6         56         106           7         57         107           8         68         108           9         59         109           10         60         110           11         61         111           12         62         1112           13         63         113           14         64         114           15         65         115           16         66         116           17         67         117           16         66         116           17         67         117           16         66         116           17         67         117           17         67         117           18         1         68           19         1         120           20         1         120           21         1  | ल   | i.        | 92       | ļ         |    |  |  | 1  |   | 1              |  |          | व                      | ine  |          |         |          | П               |          |           |            | <u>a</u> | ing  |          |          |          | ı        |          |          |          |               |          |
| 1         51         101           2         52         102           3         53         103           4         54         104           5         55         105           6         56         106           7         57         107           8         68         108           9         59         109           10         60         110           11         61         111           12         62         1112           13         63         113           14         64         114           15         65         115           16         66         116           17         67         117           16         66         116           17         67         117           16         66         116           17         67         117           17         67         117           18         1         68           19         1         120           20         1         120           21         1  | i <u>È</u> .                                      | Ę         | 9//      |           |    |  |  | 1  |   |                |  |          | 🛅                      | Orig |          | - 1     | 1        | 1 1             |          |           |            | 這        | )rig |          |          |          | ı        |          |          |          |               |          |
| 2   |   |           |          |           |    |  |  |  |   |                |  |          |                        |      |          |         |          |                 |          |           |            |          | 0    |          |          |          |          |          |          |          |               |          |
| 3   |   | 1         |          |           |    |  | П  |  |   |                |  |          |                        |      |          |         |          |                 |          |           |            |          |      |          |          |          |          |          |          |          | $\Box$        |          |
| 4   |   | 2         |          |           |    |  |  |  |   | Π              |  |          |                        |      |          |         |          |                 |          |           |            |          |      |          |          |          |          |          |          |          | П             | ٦        |
| 5   |   |           |          |           |    |  |  |  |   |                |  |          |                        | 53   |          |         |          |                 |          |           |            |          | 103  |          |          |          |          |          |          |          |               | ┚        |
| 6   |   |           |          |           |    |  |  |  |   | <u> </u>       |  |          |                        |      |          |         |          |                 |          |           |            |          | 104  |          |          |          |          |          |          |          |               | ╝        |
| T   |   |           |          |           |    |  | L  |  |   | _              |  |          |                        |      |          |         |          |                 |          |           |            |          | 105  |          |          |          |          |          |          |          |               |          |
| S   |   |           |          |           |    |  |  | _  | L   | _              | 乚  |          |                        | 56   |          |         |          |                 |          |           |            |          | 106  |          |          |          |          |          |          |          | $\perp$       |          |
| 9   |   |           |          |           |    | L  | <u> </u>   | 1_   | ⊥_  | _              |  |          |                        |      |          |         |          |                 | $\perp$  | $\perp$   |            |          |      |          |          |          |          |          |          |          |               | Ц        |
| 10  |   |           |          |           |    |  |  |  |   | <u> </u>       |  |          |                        |      |          | $\perp$ |          |                 | $\perp$  |           |            |          | 108  |          |          |          |          |          |          |          |               | _        |
| 11  |   |           |          |           | _  | ┖  |  |  | $oxed{oldsymbol{oldsymbol{oldsymbol{eta}}}$ | $\perp$        |  |          |                        |      |          | $\perp$ | $\perp$  | Ш               | $\perp$  | $\perp$   | Ш          |          | 109  |          |          |          |          |          |          | _        | $\perp$       | $\sqcup$ |
| 12  |   |           |          |           |    |  |  |  | <u> </u>                                    |                |  |          |                        |      |          |         |          | Ш               |          |           | Щ          |          | 110  | Щ        |          |          |          |          |          |          | $\perp$       | $\Box$   |
| 13  |   |           |          | L_        |    | ┖  | 1  | ┖  | ↓_  | 1_             | <u> </u>   |          | oxdot                  |      | $\perp$  | $\perp$ | _        | Ш               |          |           | Щ          |          |      |          | Ш        |          |          |          |          |          | ightharpoonup | _        |
| 14  |   |           |          |           | _  | <u> </u>   | 1  | _  | _   | 1_             |  |          | <u> </u>               |      |          |         |          | Ш               | ᆚ        | $\perp$   | Ш          |          | 112  | Ш        | Ш        |          |          |          |          | _        | $\dashv$      | $\sqcup$ |
| 15  |   |           |          |           |    |  | <u> </u>   |  | 1   | _              |  | 1        | $\sqcup$               |      |          |         | _        | Ш               | ᆚ        | $\perp$   | Ш          |          | 113  | Щ        | $\sqcup$ |          | _        | _        |          | $ \bot $ | $\dashv$      | 凵        |
| 16  |   |           |          | L         |    | <u> </u>   | 1_   | ļ  | 1_  | _              | <u> </u>   | l        | igsqcut                |      | $\perp$  | _ _     | 4_       | $\Box$          | $\perp$  | $\perp$   | Ш          |          | 114  | Щ        | Щ        |          |          |          |          | $\perp$  | $\dashv$      | $\Box$   |
| 17  |   |           |          |           |    | <u> </u>   | <u> </u>   | <u> </u>   | 4_  | $\perp$        | <u> </u>   | <b>.</b> | $\sqcup$               | 65   |          | $\perp$ | 1        | $\sqcup$        | $\perp$  |           | Ш          |          | 115  | Щ        | Щ        |          | _        |          |          | _        | $\dashv$      | _        |
| 18  | $oxed{oxed}$                                      |           |          | L.        | L. | <u> </u>   | L  | <u> </u>   | _   | _              | <u> </u>   |          |                        |      |          | _       |          |                 |          | Ш         | Ш          |          | 116  | Ш        |          |          |          |          |          | _        | $\dashv$      | _        |
| 19  | <u> </u>  |           | ,        |           |    | <u> </u>   | _  | <u> </u>   | _   | 1              | <u> </u>   |          | $\sqcup$               |      | $\perp$  | _       | ₩        | $\sqcup$        |          | $\perp$   | Щ          |          | 117  | <u> </u> |          |          |          |          |          | _        | $\dashv$      | _        |
| 120   |   |           |          |           |    | 1  | $oxed{oxed}$                                     | _  | $\perp$                                     | $\perp$        | _  |          |                        |      | $\perp$  |         | 1        | Ш               |          |           | Щ          |          |      | Щ        |          |          | _        |          | _        | _        | _             | _        |
| 21    V   |   |           |          |           |    | _  | <u> </u>   | 1  | _   | ╽.             | L  |          |                        |      | $\perp$  |         | 1        | Ш               |          |           | Ш          |          | 119  | Ш        | Щ        | $\Box$   | _        | _        |          | _        | _             | _        |
| 122   |   |           |          |           |    | <u> </u>   |  | _  | 4_  | <u> </u>       | ļ.,  |          |                        |      |          | $\perp$ |          | Ш               |          | Ш         | Ш          |          | 120  | L        |          |          | _        | _        |          | _        | $\dashv$      | _        |
| 73  |   |           |          | _         |    | L  | _  | ــ   | ┺   | ┶              | <u> </u>   |          | $\sqcup$               |      | _        | $\bot$  |          | Ш               |          | $\perp$   | Ш          |          | 121  |          |          |          | _        | _        |          | _        | _             | _        |
| 124   |   |           |          |           |    | <u> </u>   | ▙  | <u> </u>   | ╄   | ↓_             | <u> </u>   |          | $\sqcup$               | 72   |          | $\perp$ |          | Ш               |          |           | Щ          |          | 122  |          | _        |          |          |          |          | _        | -             |          |
| 75  |   |           |          |           |    | <u> </u>   | <u> </u>   | ₽  | ↓   | ļ              | <u> </u>   |          | L                      | 73   |          | $\perp$ | <b>.</b> | $\sqcup$        |          | -         |            |          | 123  |          |          | _        |          |          |          |          | 4             | _        |
| 76  |   |           |          |           |    | <u> </u>   | 1_   | <del> </del>                                     | ╄   | ╄-             | ļ  |          |                        |      |          |         | <u> </u> | $\perp$         | _        |           |            |          |      |          |          | _        | _        | _        |          |          | 4             | 4        |
| 127   | $\square$   |           |          |           |    | <u> </u>   | <u> </u>   | _  | ╄   | ╄              | <u> </u>   |          | $\sqcup$               | 75   |          | _       | 4        | $\sqcup$        | _        |           | Щ          |          | 125  |          |          | _        | _        | _        |          | _        | $\dashv$      | _        |
| 28  | igwdown   |           |          |           |    | <u> </u>   | _  | ļ  | ↓   | _              | <u> </u>   |          | $\vdash$               | 76   |          | _       | 4        | $\sqcup$        |          | $\perp$   | _          |          | 126  |          | _        | _        | _        |          |          |          | _             | _        |
| 79  | $\vdash$  |           |          |           |    | <u> </u>   | ┞  | ـــ  | ╄   | ╄              | <u> </u>   |          | $\vdash$               |      |          | _       | 1        | $\vdash \vdash$ | 4        | $\vdash$  | _          |          |      |          | _        | -        |          |          | -        |          | -             |          |
| 30  |   |           |          |           |    | <u> </u>   | ├  | ┼  | ┼   | $\vdash$       | <u> </u>   |          | -                      | 78   |          | +       | +        | $\vdash$        | _        | $\vdash$  | <u>—</u> [ |          | 128  | -        | -        | -        | -        |          | _        |          |               |          |
| 31  |   |           | _        |           |    | ļ.   | ļ  |  | -   | -              | ├-   |          |                        |      | _        | +       | +        | $\vdash$        | +        | $\perp$   | Щ:         |          |      |          |          | -        |          |          |          | _        |               |          |
| 32   =  |   |           | _        |           |    | <u> </u>   | ├  | ├  | ļ   | ₩              |  |          |                        |      |          |         |          |                 | -        | +         |            | -        | 130  | Н        | _        | $\dashv$ | $\dashv$ |          | _        | -        | _             | ᅱ        |
| 33  | $\vdash$  |           |          |           |    | $\vdash$   | ├  | $\vdash$   | +   | $\vdash$       | $\vdash$   |          | $\longmapsto$          |      | +        | +       | +        | $\vdash \vdash$ | +        | +         |            |          | 137  | Н        | $\dashv$ | $\dashv$ | -        | _        |          | _        | $\dashv$      | -        |
| 34  |   |           |          |           |    | ├  | ┼  | +  | -   | 1              | $\vdash$   |          | $\vdash$               |      | +        | +       | +        | $\vdash$        | +        | +         | $\dashv$   |          | 132  | Н        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | +             | $\dashv$ |
| 35  |   |           |          |           |    | <del> </del>                                     | ┼  | ╁  | +   | ╁              | $\vdash$   |          | $\vdash \vdash \vdash$ |      | +        | +       | +        | $\vdash$        | +        | +         |            |          |      | H        | $\vdash$ | -        | $\dashv$ |          |          | $\dashv$ | $\dashv$      | $\dashv$ |
| 36  | $\vdash$  |           |          |           |    | ┼─   | <del>                                     </del> | ╁  | +   | +              | $\vdash$   |          | $\vdash \vdash \vdash$ | 95   | +        | +       | +        | $\vdash \vdash$ | +        | +         | $\dashv$   |          | 134  | $\vdash$ | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
| 37 =  | $\vdash$  |           |          |           |    | ├-   | ╁  | +  | +   | ╁              | $\vdash$   |          | $\vdash \vdash \vdash$ |      | $\dashv$ | +       | +        | $\vdash \vdash$ | +        | +         | $\dashv$   |          | 135  |          |          | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | +             | $\dashv$ |
| 38  |   |           |          |           |    | <del>                                     </del> | ╁  | +  | +   | $\vdash$       | $\vdash$   |          | $\vdash$               |      | +        | +       | +        | $\vdash$        | +-       | +         | $\dashv$   |          | 137  | -        | -        | $\dashv$ |          |          | $\dashv$ | $\dashv$ | +             | $\dashv$ |
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| 40 √       90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |   |           |          |           |    |  | ⊨  | ╁  | ╁   | +              |  |          | $\vdash$               |      | $\dashv$ |         | +        | ╁               |          | ╅╌┤       | $\dashv$   |          | 130  | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | +             | $\dashv$ |
| 41       √       91       141       142       142       142       142       142       143       143       143       143       143       143       144       144       144       144       144       144       144       144       145       145       145       146       146       147       147       147       147       147       148       148       149 </td <td><math>\vdash</math></td> <td></td> <td></td> <td></td> <td></td> <td><del> </del></td> <td>╁</td> <td>+-</td> <td>╁</td> <td>+</td> <td></td> <td></td> <td><math>\vdash</math></td> <td></td> <td><math>\dashv</math></td> <td>+</td> <td>+-</td> <td><math>\vdash</math></td> <td></td> <td>+-</td> <td>-</td> <td></td> <td>140</td> <td><math>\vdash</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td>+</td> <td><math>\dashv</math></td> | $\vdash$  |           |          |           |    | <del> </del>                                     | ╁  | +-   | ╁   | +              |  |          | $\vdash$               |      | $\dashv$ | +       | +-       | $\vdash$        |          | +-        | -          |          | 140  | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +             | $\dashv$ |
| 42   \( \)  | <del>  -                                   </del> |           |          | _         |    | -  | ├  | ╁  | $\vdash$                                    | ╁              | $\vdash$   |          |                        |      | $\dashv$ | +       | $\vdash$ | $\vdash$        | +        | +         | $\dashv$   |          |      | $\vdash$ | -        | -+       |          |          |          | $\dashv$ | +             | $\dashv$ |
| 43       =       93       143       144         44       94       144       144       144         95       145       145       145       146         46       97       147       147       147       147         48       98       98       148       148       149       149       149   | $\vdash \vdash \vdash$                            | 42        | Ť        |           |    |  | <del>                                     </del> | $\vdash$   | $\vdash$                                    | +              |  |          | $\vdash$               |      | $\dashv$ | +       | +-       | -               | +        | +         | $\dashv$   |          | 142  |          | $\dashv$ | -        | -        |          | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
| 44 √     94       45 √     144       46 √     96       47 √     97       48     98       49     99  |   |           |          | _         |    | $\vdash$   | $\vdash$   | $\vdash$   | +   | +              | $\vdash$   |          | $\vdash$               |      | +        | +       | +        | $\vdash$        | +        | +         | $\dashv$   |          | 143  | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | +             | $\dashv$ |
| 45 √  |   |           |          | -         |    | <del>                                     </del> | t  | +-   | $\vdash$                                    | +              | $\vdash$   |          | $\vdash$               |      | -+       | +       | +        | $\vdash$        | +        | +         | $\dashv$   |          |      |          | -        | -+       | $\dashv$ | _        |          | $\dashv$ | +             | ᅥ        |
| 46 √  |   | 45        | ij       | $\exists$ |    | $\vdash$   | $\vdash$   | t  | $\vdash$                                    | $\vdash$       |  |          |                        | 95   | $\dashv$ | +       | +        | $\vdash$        | +        | +-        | $\dashv$   |          | 145  |          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
| 47 √     97       48 0     98 0       49 0     99 0   |   |           |          | =         | _  | H  | $\vdash$   | $\vdash$   | +-  | +              | 一  |          | -                      |      | $\dashv$ | +       | +        | $\vdash$        | +        |           | -          |          |      | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +             | $\dashv$ |
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| , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   |   | 50        |          |           |    |  |  | T  | T   | T              | $\vdash$   |          |                        | 100  | 十        | 1       | T        | $\Box$          | $\top$   | $\Box$    | $\dashv$   |          | 150  | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\top$        | $\dashv$ |